

## PUZZLE JOINT SYSTEM

### ABSTRACT

A joint system for use in joining components, such as wood, and the like, to form a structural unit. An exemplary joint system has a first member with a predetermined shape, first and second opposed surfaces, and a first predetermined thickness. A cavity is formed in the first member that has an inner contour in the shape of a piece of a puzzle or a molar tooth, for example. The cavity is exposed at the first surface of the first member and along a portion of an edge of the first member. The cavity has a depth that extends a predetermined distance below the first surface of the first member. A second member is provided that has a predetermined shape, first and second opposed surfaces, and a second predetermined thickness. The second member has a tab with an outer contour that substantially matches the inner contour of the cavity in the first member so that the tab fits within the cavity.